



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Eko N. Onggosanusi, et al.

Docket No.: TI-36617

Examiner: Corsaro, Nick

Serial No.: 10/732,978

Art Unit: 2684

Filed: 12/11/2003

Conf. No.: 8537

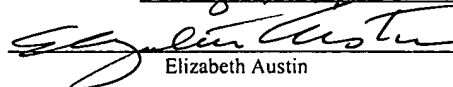
For: **Multiuser Detection for Wireless Communications Systems in the Presence of Interference**

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

MAILING CERTIFICATE UNDER 37 C.F.R. § 1.8(A)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450 on August 8, 2005.

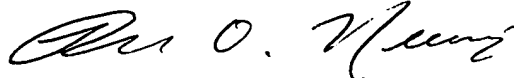

Elizabeth Austin

Dear Sir:

In response to the Search Report received from the European Patent Office (a copy of which is enclosed), Applicant wishes to bring to the attention of the U.S. Patents and Trademarks Office the information noted on the enclosed PTO/SB/08A. Copies of the cited references are enclosed. All of these references were cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to filing this statement.

No fee is believed by Applicant to be due; however, the Commissioner is hereby authorized and requested to charge any necessary fee to the deposit account of Texas Instruments Incorporated, Account No. 20-0668.

Respectfully submitted,



Ronald O. Neerings

Attorney for Applicants

Reg. No. 34,227

Texas Instruments Incorporated
P. O. Box 655474, MS 3999
Dallas, Texas 75265
(972) 917-5299

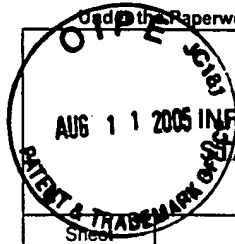
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete If Known

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|----------------------|----------------------------|
| Application Number | 10/732,978 |
| Filing Date | 12/11/2003 |
| First Named Inventor | Eko N. Onggosanusi, et al. |
| Group Art Unit | 2684 |
| Examiner Name | Corsaro, Nick |
| Attorney Docket No. | TI-36617 |

U.S. PATENT DOCUMENTS

| Exam. Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Doc. | Date of Pub. of Cited Doc. (MM-DD-YYYY) | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------|-----------------------|----------------------|-----------------------------------|---|---|---|
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FOREIGN PATENT DOCUMENTS

| Exam. Initials* | Cite No. ¹ | Foreign Patent Document | | | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear | † ⁶ |
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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| Substitute for Form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete If Known | |
| | | | | Application Number | 10/732,978 |
| | | | | Filing Date | 12/11/2003 |
| | | | | First Named Inventor | Eko N. Onggosanusi, et al. |
| | | | | Group Art Unit | 2684 |
| | | | | Examiner Name | Corsaro, Nick |
| Sheet | 2 | of | 2 | Attorney Docket No. | TI-36617 |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS | | | |
|---|-----------------------|---|----------------|
| Exam. Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| | CA | "Successive Cancellation of Adjacent Channel Signals in FDMA/TDMA Digital Mobile Radio Systems", Arslan, H., et al., Vehicular Technology Conference, 1998. VTC 98, 48th IEEE Ottawa, Ont., Canada, May 18-21, 1998, New York, NY, USA, IEEE, US, Vol. 3, May 18, 1998, pp. 1720-1724, XP010288123, ISBN: 0-7803-4320-4, Sections II, III and IV. | |
| | CB | "Interference Canceling Equalizer (ICE) for Mobile Radio Communications", Yoshino, H. et al. Communications, 1994, ICC '94, Supercomm/ICC '94, Conference Record, 'Serving Humanity Through Communications', IEEE International Conference on New Orleans, LA, USA May 1-5, 1994; New York, NY, USA, IEEE, May 1, 1994, New York, NY, USA, IEEE, May 1, 1994, pp. 1427-1432, XP01026504, ISBN: 0-7803-1825-0, Section II: Interference Canceling Equalizer (ICE). | |
| | CC | "Co-Channel Interference Cancellation with Successive Cancellation in Narrowband TDMA Systems", Arslan, H., et al., Wireless Communications and Networking Conference, 2000. WCNC. 2000 IEEE September 23-28, 2000, Piscataway, NJ, USA, IEEE, Vol. 3, September 23, 2000, pp. 1070-1074, XP010532692, ISBN: 0-7803-8598-8, Sections II and III. | |
| | CD | "Radio Aspects: Interference Suppression by Joint Demodulation of Cochannel Signals", Pekka, A. Ranta, Markku Pukkila, Online, 1999, Kluwer Academic Publisher, Dordrecht, Netherlands, XP002331762, Retrieved from the Internet: URL: http://lib.tkk.fi/diss/2003/isbn9512257179/article8.pdf retrieved on 2005-06-15, Pp. 1-31 and particularly: Section 3.3. | |
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